

**DARPA Plan for Implementation of Executive Order 13329:  
Encouraging Innovation in Manufacturing – SBIR/STTR  
July 2006**

**Background:**

The requirements of Executive Order 13329 are now statutory, as section 252 of the National Defense Authorization Act for Fiscal Year 2006. This effort is intended to help ensure that Federal agencies properly and effectively assist the private sector in its manufacturing innovation through small businesses.

**DARPA Mission**

DARPA's mission is to maintain the technological superiority of the U.S. military and prevent technological surprise from harming our national security by sponsoring revolutionary, high-payoff research that bridges the gap between fundamental discoveries and their military use.

**DARPA Strategic Plan**

DARPA's Information Exploitation Office, Tactical Technology Office and Strategic Technology Office focus on technology development programs leading to products for specific military operations. All DARPA Offices develop technology transition plans that translate concepts for new capabilities through prototyping and military evaluation.

**DARPA's Implementation Focus**

The DARPA SBIR/STTR Program Office developed four initiatives to implement the Innovation in Manufacturing program.

(1) Outreach: Raise awareness of Section 252 in the Small Business Community

Target Dates and Milestones:

Jun 2004 and Forward    Continue to provide emphasis on Manufacturing during DARPA SBIR/STTR briefings and workshops.

Sep 2006                      Develop and present a manufacturing session for the SBIR/STTR Rural Outreach trip to Montana, Wyoming and Colorado.

Attachment 2

Nov 2006 Present Innovation in Manufacturing information in the DARPA SBIR presentation at the national meeting in Wisconsin.

(2) Emphasize Section 252 in SBIR/STTR Topic Generation and Award Selections

Target Dates/Milestones

Sep 2006 Emphasize manufacturing innovation in the internal DARPA request for STTR Topics

Dec 2006 Emphasize manufacturing innovation in the internal DARPA request for SBIR Topics

Phase I & II Selection When appropriate, the DARPA source selection authorities may use manufacturing-related projects as a tie-breaker in the award selection process.

(3) Manufacturing Innovation Goals for FY 2007

Target Dates/Milestones

Oct 2006 DARPA's projected goal for FY 2007 is an increase of SBIR Topics to 4 out of approximately 25 topics.

DARPA's projected goal for FY 2007 is an increase of STTR Topics to 2 out of approximately 12 topics.

(4) Future Reporting (as part of the DoD data compilations)

Target Dates/Milestones

Dec 2006/Jan 2007 Submit to OSD, as part of the Annual SBIR/STTR Report, all Phase I, Phase II and Phase III awards related to manufacturing. The report shall contain:

Total number of DARPA's current manufacturing-related SBIR/STTR awards separated into Phase I, Phase II and Phase III.

Total dollar value of DARPA's current manufacturing-related SBIR/STTR awards separated into Phase I, Phase II and Phase III.

Copies of published DARPA success stories that  
illustrate the impact of manufacturing SBIR/STTR topics.